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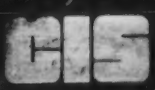

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SENATE

REPORT
101-529

COASTAL BARRIERS RESOURCES ACT AMENDMENTS OF 1990

OCTOBER 12 (legislative day, OCTOBER 2, 1990).—Ordered to be printed

Mr. BURDICK, from the Committee on Environment and Public Works, submitted the following

REPORT

[To accompany S. 2729]

The Committee on Environment and Public Works, to which was referred the bill (S. 2729) to amend the act entitled "The Coastal Barrier Resources Act" to provide for the expansion of the Coastal Barrier Resources System, having considered the same, reports favorably thereon with amendments and recommends that the bill as amended do pass.

GENERAL STATEMENT

The legislation expands the scope of the Coastal Barrier Resources Act of 1982 (CBRA, P.L. 97-348), which prohibits expenditure (with certain limited exceptions) of Federal funds within identified undeveloped, unprotected coastal barrier areas.

PURPOSE AND BACKGROUND

Coastal barriers are depositional landforms subject to wind, wave and tidal energies which protect the mainland and landward aquatic habitats, such as wetlands, estuaries, inlets and nearshore waters. Types of coastal barriers include barrier islands, bay barriers, barrier spits and tombolos. The Nation's best defined chain of coastal barriers stretches 2,700 miles from Maine to Texas.

Coastal barriers are dynamic landforms which are constantly affected by the forces of water and wind. During storms, coastal barriers often "overwash" and retreat backward towards land as their shoreface erodes. Their unstable nature and vulnerability to wind

S323-23

and water make these areas dangerous during hurricanes and other storms.

Undeveloped coastal barriers, and their associated wetlands, provide vital feeding, spawning and nesting habitat for a tremendous variety of fish, shellfish, birds and mammals.

By removing Federal programs that encourage development within these fragile coastal barrier areas, the CBRA is intended to: (1) minimize loss of human life; (2) reduce wasteful expenditure of Federal revenues; and (3) protect fish and wildlife and other natural resources.

The 1982 CBRA expanded on a provision included in the 1981 Omnibus Budget Reconciliation Act (OBRA) which amended the National Flood Insurance Act of 1968 to prohibit the issuance of new Federal flood insurance coverage after October 1, 1983, "for any new construction or for substantial improvements of structures located on undeveloped coastal barriers." Under the OBRA, the Secretary of the Interior was directed to designate undeveloped coastal barriers along the Atlantic and Gulf coasts to which the prohibition would apply and report to Congress.

In August, 1982, the Secretary of the Interior submitted the report to Congress recommending criteria for designating undeveloped coastal barriers and a list of 188 units. The recommendations used a density threshold of one structure per five acres to categorize a barrier as undeveloped.

Also in August, 1982, the General Accounting Office released a report which concluded that "flood insurance * * * offers a marginal added incentive to development" and that other major factors promote development of coastal barriers. The Secretary of the Interior testified before the Senate Environmental Pollution Subcommittee that total Federal expenditures on undeveloped coastal barriers over the next 20 years would cost the taxpayer $5.5 to $11 billion.

In October, 1982, Congress repealed OBRA and enacted CBRA.

Under the CBRA, the Coastal Barrier Resources System (System) was established within which the limitations on Federal assistance would apply. At present, this System consists of 186 coastal barrier areas or units totaling 666.4 miles of shoreline and 452,834 acres along the Atlantic and Gulf coasts.

Federal expenditures are prohibited within the System for items such as: construction of roads, boat landings, and bridges; flood control and shoreline stabilization projects (except for certain Louisiana units and in emergencies); wastewater treatment grants; Farmers Home and Veterans Administration loans; disaster relief; and, new Federal flood insurance coverage. According to estimates provided by the Department of the Interior, savings associated with the CBRA since 1982 total approximately $831,044,126 to date.

The CBRA references a series of maps, maintained by the Department of the Interior, which depict the boundaries of the System units. Boundary changes, including additions of new units or deletions of existing units, require an act of Congress. The Department of the Interior is authorized, however, to make minor and technical boundary modifications necessary to clarify the boundaries of System units or to reflect changes that have occurred in the size or location of any System unit.

Section 10 of CBRA required the Secretary of the Interior to submit a report to Congress containing recommendations for changes to the Act. After years of extensive study and consultation with affected states and interested parties, including two public comments periods and 26 public meetings with State and local officials, the Department of the Interior submitted its "Report to Congress: Coastal Barrier Resources System". This report, received by Congress in early 1989, includes maps depicting specific recommendations for additions to, deletions from, and modification of the existing System. The Department of the Interior's report also includes policy recommendations and background information regarding coastal barriers and the provisions of the CBRA.

In June, 1989, as required under section 204 of Public Law 100–77, the Great Lakes Coastal Barrier Act, the Interior Department recommended 112 units along the Great Lakes shoreline as appropriate for inclusion in the System. These areas, the majority of which are in Michigan, encompass 152.6 miles of shoreline and 57,729 acres.

GENERAL DESCRIPTION

S. 2729 incorporates many of the recommendations made by the Department of the Interior in its Report to Congress. Those recommendations would result in a net System increase of 790,844 acres (of which 38,769 are fastland) and 422.5 shoreline miles. Much of the new acreage is comprised of aquatic habitat associated with existing units of the System. S. 2729 includes all of the Department's recommended additions increasing the scope of the System to include undeveloped coastal barriers in the Florida Keys and along the coasts of Puerto Rico and the Virgin Islands. Qualifying areas along the coasts of the Great Lakes are also included within the System under S. 2729 adding approximately 41,550 acres and 103 shoreline miles to the System.

The Committee notes that several boundary modifications and deletions are reflected in the maps of the System based on additional technical information provided by the Department of the Interior. Any areas depicted on the Department of the Interior's maps as undeveloped coastal barriers which are not included within the System under this legislation remain unaffected by the CBRA.

S. 2729 also includes all undeveloped coastal barriers that are federally or privately protected and depicted on the Department of the Interior's maps. In regard to those undeveloped coastal barriers which are protected by state or local governments, S. 2729 establishes a process whereby Governors of affected coastal states may elect to have these areas included within the System. Governors who participate in this process are required to consult with affected local governments.

Consistent with the Department of the Interior's recommendation, S. 2729 includes a provision which provides for automatic inclusion of any undeveloped coastal barrier areas which are determined to be excess Federal property.

S. 2729 includes a provision requiring that the disposal of dredge materials related to the maintenance of existing navigational chan-

nels be consistent with the purposes of the CBRA. This amendment addresses the Committee's interest in assuring that any placement of dredged material within the System be done in a manner which minimizes loss of and damage to fish and wildlife habitat and maximizes protection of natural resources.

Decisions regarding Federal expenditures within System units are often made at a regional or field office level making it difficult for some agencies to track whether the CBRA is being complied with on a consistent basis. To correct this problem, the legislation requires the head of each Federal agency affected by the Act to promulgate regulations assuring compliance with the provisions of this Act and to report annually to the Senate Committee on Environment and Public Works, the House Committee on Merchant Marine and Fisheries and the Secretary of the Interior certifying that compliance. Federal agencies affected by CBRA include: the Department of Agriculture; the Department of Commerce; the Department of Energy; the Department of Housing and Urban Development; the Department of the Interior; the Department of Transportation; the Environmental Protection Agency; the Federal Emergency Management Agency; the Federal Home Loan Administration; the General Services Administration; the Small Business Administration; and, the Veterans Administration.

SECTION-BY-SECTION ANALYSIS

Section 1. Short title

This section cites the title of the bill as the "Coastal Barrier Resources Act Amendments of 1990."

Section 2. Definitions

Section 2 amends the definition of the term "undeveloped coastal barrier" in CBRA, as recommended by the Department of the Interior, by deleting the requirement that an undeveloped coastal barrier consist of unconsolidated sedimentary materials. The definition of "undeveloped coastal barrier" is also amended by striking the provision which excludes areas that are protected at the Federal, State or local level or by private, non-profit organizations.

This section also strikes the definition of "System maps" in the Act and replaces it with a definition of "System." "System" means the Coastal Barrier Resources System established by section 4(a) of CBRA.

Section 3. Coastal barrier resources system

This section of the bill repeals section 4 of the CBRA and replaces it with new provisions to expand the existing System, to allow for future additions to the System, to provide for filing and distribution of System maps and to authorize the Department of the Interior to make minor and technical amendments to the maps.

Subsection (a)(1) of new section 4 of the CBRA establishes that the Coastal Barrier Resources System consists of all undeveloped coastal barriers that are identified and depicted on the maps entitled "Coastal Barrier Resources System" and dated September 25, 1990. While some technical modifications have been made to existing System units, and some deletions and additions have been

made to the Department of the Interior's maps, the new System maps generally include: units which are already within the System; new units recommended for inclusion by the Department of the Interior in their "Report to Congress"; units along the coasts of the Great Lakes which were mapped by the Department of the Interior pursuant to P.L. 100–77; and, units which are Federally or privately protected and have been mapped by the Department of the Interior. ((Appendixes A and B contain an index of all the units included in the System.) Paragraph (1) also provides for inclusion of qualifying excess Federal property and State or locally protected areas into the System.

Section 4(a)(2) of the CBRA, as amended by S. 2729, establishes the mechanism through which excess Federal property would be included into the System. The Administrator of General Services is required to consult with the Secretary of the Interior to determine whether excess property qualifies as an undeveloped coastal barrier. Qualifying areas are to be included in the System before transfer or disposal of such properties.

Paragraph (3) allows Governors of States located on the Atlantic, Gulf or Great Lakes coasts to elect to have undeveloped coastal barriers that are owned by such State or a local government within such State included within the System. Within one year of enactment of the bill, the Secretary of the Interior is directed to provide Governors and affected local governments with copies of maps depicting those undeveloped coastal barriers that qualify and to promulgate regulations setting forth procedures for electing to include these areas in the System. Governors choosing this option are required to consult with local governments affected by their decision.

The maps submitted by The Department of the Interior's as part of the Section 10 "Report to Congress" depict those undeveloped coastal barriers along the Atlantic and Gulf coasts which are owned and protected at the State and local level.

Subsection (b) of section 4 of the CBRA, as amended by S. 2729, requires the Secretary of the Interior, as soon as practicable after enactment of the Coastal Barrier Resources Act Amendments of 1990 and, as soon as practicable after preparation of a map for inclusion into the System under paragraphs (2) and (3)(B) of subsection (a), to correct clerical and typographical errors and file the maps with the Committees. These maps are required to be made available to the public in appropriate offices of the U.S. Fish and Wildlife Service. And, as soon as practicable, the Secretary is required to provide copies of the maps to: each State and local government in which a unit is located; the coastal zone management office in each State in which a unit is located and which has an approved coastal zone management program; and, appropriate Federal agencies. This procedure is very similar to that which was followed after enactment of CBRA in 1982.

Subsection (c) of section 4 of the CBRA, as amended by S. 2729, provides States with the opportunity to submit proposals for minor and technical boundary changes to the boundaries of System units to the extent that they are consistent with the purposes of the CBRA. The Secretary of the Interior has the authority to make minor and technical modifications to the System and is directed to respond in writing to any State whose proposed boundary modifica-

tion was rejected. The Secretary of the Interior is also directed to review the maps every 7 years and upon the request of each State's coastal zone management office. As this review is designed solely to ensure that System maps reflect changes that have occurred in System units as a result of natural forces, it is expected that States will request review of the maps in the event that a major storm or hurricane alters the landforms included within the System.

Section 4. Conforming amendments on limitations of Federal expenditures

This Section of the bill amends section 5 of the CBRA to extend the existing exemption for shoreline stabilization projects in System units located along the southeastern shore of Louisiana to a new unit in that area.

Section 4 also redefines "new expenditure or new financial assistance," for the purposes of CBRA, to mean funds that were not appropriated, or an expenditure or financial assistance for which no legally binding commitment was made before the date on which the System unit where such the funds would be expended was included within the System.

Section 5. Exceptions to limitations on Federal expenditures

Section 5. of the bill amends section 6 of the CBRA which contains exceptions to limitations on Federal expenditures within the System. The bill maintains the current exemptions under the Act with several minor amendments.

In regulations implementing the CBRA, the Secretary of the Interior delegated his responsibilities under section 6 to the Director of the Fish and Wildlife Service. Because this bill adds to the System some units that are managed by the National Park Service, the Secretary of the Interior should revisit this delegation. With respect to units of the System that are managed by the National Park Service, the Secretary should either retain the responsibilities assigned to him under section 6 of the 1982 law or delegate them to the Director of the National Park Service.

Current law is amended to require that disposal of dredge materials related to maintenance of channel improvements within the System be consistent with the purposes of CBRA. Due to the fragile nature of coastal barriers and their associated aquatic habitat, disposal of dredge materials should conform with the CBRA's policy of achieving long-term conservation of fish, wildlife, and other natural resources. The appropriate Federal officer involved in such disposal is required to consult with the Secretary of the Interior.

Section 5 of S. 2729 also includes an exemption from the prohibition on use of Federal funds for expansion of publicly owned roads for U.S. Route 1 in the Florida Keys. U.S. Route 1 presents a special case because it provides the only access to and egress from the already heavily developed chain of islands which make up the Florida Keys. Any funds for expansion of this highway should be used for public safety purposes.

This section of the bill also modifies the definition of existing channel improvements to mean those channels or related structures, such as jetties, for which all or a portion of the money was

appropriated before the date on which the System unit within which they are located was included within the System.

Section 6. Certification of compliance

Section 6 establishes a new procedure for Federal agencies to assure and certify compliance with the CBRA. Subsection (a) directs the head of each Federal agency affected by the CBRA to promulgate regulations to assure compliance with the Act. Under subsection (b) the head of each such Federal agency is directed to submit annual reports certifying compliance with the CBRA to the Senate Committee on Environment and Public Works, the House Committee on Merchant Marine and Fisheries, and the Secretary of the Interior.

Section 7. Authorization of appropriations

This section amends section 12 of CBRA to authorize no more than $1,000,000 for purposes of carrying out sections 4 and 6 of the Act for each of fiscal years 1991 and 1992.

HEARINGS

S. 2729 was referred to the Committee on June 13, 1990. The Subcommittee on Environmental Protection held a hearing on S. 2729 on July 11, 1990. On September 29, 1989, the Subcommittee held a hearing to examine the Coastal Barrier Resources System and the Department of the Interior's "Report to Congress".

ROLLCALL VOTES

Section 7(b) of rule XXVI of the Standing Rules of the Senate and the rules of the Committee on Environment and Public Works require that any rollcall votes taken during consideration of this bill be announced in this report. The bill was ordered reported on September 25, 1990, by unanimous voice vote.

COST OF LEGISLATION

Section 403 of the Congressional Budget and Impoundment Control Act requires that a statement of the cost of the reported bill, prepared by the Congressional Budget Office, be included in the report. A copy of that statement follows:

U.S. CONGRESS,
CONGRESSIONAL BUDGET OFFICE,
Washington, DC, October 10, 1990.

Hon. QUENTIN N. BURDICK,
Chairman, Committee on Environment and Public Works,
U.S. Senate, Washington, DC.

DEAR MR. CHAIRMAN: The Congressional Budget Office has reviewed S. 2729, the Coastal Barrier Resources Act Amendments of 1990, as ordered reported by the Senate Committee on Environment and Public Works on September 25, 1990. Assuming appropriation of the authorized amounts, CBO estimates that the federal government would spend about $1 million in each of fiscal years 1991 and 1992 to carry out the provisions of the Coastal Barrier Resources Act as amended by this bill.

The major budgetary impact of this legislation, however, would not be caused by the appropriation and expenditure of these authorized amounts. Rather, it would stem from the bill's expansion of the Coastal Barrier Resources System and its effect on the value of property owned or otherwise guaranteed by federal agencies. Some of the resulting costs could be direct spending, not subject to appropriation action. We cannot estimate these costs but they could be significant. For example, CBO estimates that the bill's inclusion of certain coastal property in Texas would result in additional federal expenditures of between $5 million and $15 million sometime during the next eight years.

Bill purpose. S. 2729 would amend the Coastal Barrier Resources Act and would authorize the appropriation of $1 million for each of fiscal years 1991 and 1992 to carry out that act.

The amendments made to the act by this bill would greatly expand the Coastal Barrier Resources System. Section 3 would designate specific new areas for incorporation into the system, including federally and institutionally owned areas that are currently ineligible for inclusion because they are considered to be otherwise protected. In addition, Section 3 would eliminate the act's eligibility restrictions on all such protected lands, including those owned by state or local governments. While the bill would not incorporate state and local properties into the system directly, it would permit state governors to add any newly eligible lands to the system by notifying the Secretary of the Interior.

Section 3 also would require the General Services Administration to notify the Secretary of the Interior before it disposes of surplus federal property that may be an undeveloped coastal barrier. If deemed to be so by the Secretary, such lands would be incorporated into the system.

Estimated cost of S. 2729. Assuming appropriation of the authorized amounts, CBO estimates that the U.S. Fish and Wildlife Service would spend about $1 million in each of fiscal years 1991 and 1992 to implement the provisions of S. 2729, including promulgating regulations, mapping new system areas, and monitoring the activities of other federal agencies.

The budget impact of other provisions would arise from their effect on the value of assets owned or otherwise guaranteed by federal agencies. Because system lands are ineligible for most types of federal assistance (including flood insurance, sewage treatment construction grants, and federal highway funds), the inclusion of a site into the system is generally accompanied by a significant decrease in the property's market value. For affected federal lands, the expected result would be a reduction in the amount realized from surplus property sales. Potentially more signifincant, however, is the potential impact on the sale of property that is either (1) acquired by the Resolution Trust Corporation or the Federal Deposit Insurance Corporation (FDIC) as a result of bank or savings and loan failures, or (2) covered under the terms of an FDIC assistance agreement. (As part of assisted mergers, such agreements were executed by the Federal Savings and Loan Insurance Corporation to guarantee the value of covered assets. If these assets are sold for less than their book values, the federal government pays for the losses.) The resulting effect would be a reduction in the govern-

ment's collections from the sale of assets or an increase in federal guarantee payments.

We cannot estimate the potential effect of these provisions because it is not possible to determine the number of federally owned or guaranteed assets that may be covered under the expanded system. The budget impact may be significant even if very few properties are affected. For example, the bill's inclusion of certain Texas lands covered under an existing assistance agreement would probably increase federal guarantee payments by between $5 million and $15 million sometime during the next eight years. (These lands amount to less than 1 percent of the acres added to the system by S. 2729.)

CBO has not been able to complete an analysis of this bill's impact on state and local governments. However, we expect that its provisions would affect local tax revenues by constraining new development of private property. In some jurisdictions, the impact could be significant.

If you wish further details on this estimate, we will be pleased to provide them. The CBO staff contact is Deborah Reis, who can be reached at 226–2860.

Sincerely,

ROBERT D. REISCHAUER,
Director.

CHANGES IN EXISTING LAW

In the opinion of the Committee, it is necessary to dispense with the requirements of subsection (4) of rule XXIX of the Standing Rules of the Senate in order to expedite the business of the Senate.

APPENDIX A

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM

Maine

1.	ME-01	Carrying Place Cove—DOI's 1988 map.
2.	ME-02	Birch Point—DOI's 1988 map.
3.	A01	Lubec Barriers—DOI's 1988 map.
4.	A01A	Baileys Mistake—DOI's 1988 map.
5.	ME-04	Seal Cove—DOI's 1988 map.
6.	A03	Jasper—DOI's 1988 map.
7.	A03B	Starboard—No change to existing unit.
8.	ME-06	Bare Cove—DOI's 1988 map.
9.	A03C	Popplestone Beach/Roque Island—DOI's 1988 map.
10.	ME-08	Flake Point—DOI's 1988 map.
11.	ME-10	Over Point—DOI's 1988 map.
12.	ME-11	Pond Island—DOI's 1988 map.
13.	ME-12	Thrumcap—DOI's 1988 map.
14.	A05A	Seven Hundred Acre Island—No change to existing unit.
15.	ME-14	Nach Point—DOI's 1988 map.
17.	ME-16	Hunnewell Beach—Senate map.
18.	ME-17	Small Point Beach—DOI's 1988 map.
19.	A05B	Head Beach—No change to existing unit.
20.	A05C	Jenks Landing/Waldo Point—DOI's 1988 map.
21.	ME-18	Stover Point—DOI's 1988 map.
22.	A06	Cape Elizabeth—No change to existing unit.
23.	ME-19	Crescent Beach—Senate map.
24.	A07	Scarborough Beach—No change to existing unit.
25.	A08	Crescent Surf—DOI's 1988 map.
26.	ME-23	Phillips Cove—DOI's 1988 map.
27.	A09	Seapoint—DOI's 1988 map.

Massachusetts

1.	C00	Clark Pond—DOI's 1988 maps.
2.	MA-03	Castle Neck—DOI's 1988 maps.
3.	C01	Wingaersheek—DOI's 1988 maps.
4.	C01A	Good Harbor Beach—DOI's 1988 maps.
5.	C01B	Brace Cov—No change to existing unit.
6.	MA-04	West Beach—DOI's 1988 maps.
7.	MA-06	Phillips Beach—DOI's 1988 maps.
8.	C01C	West Head Beach—DOI's 1988 maps.
9.	MA-11	Peddocks Island—DOI's 1988 maps.
10.	MA-12	The Glades—DOI's 1988 maps.
11.	C02	North Scituate—DOI's 1988 maps.
12.	C03	Rivermoor—DOI's 1988 maps.
13.	C03A	Rexhame—DOI's 1988 maps.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

14.	MA-13	Duxbury Beach—DOI's 1988 maps.
15.	C04	Plymouth Bay—DOI's 1988 maps.
16.	C06	Center Hill Complex—No change to existing unit.
17.	C08	Scorton—DOI's 1988 maps.
18.	C09	Sandy Neck—DOI's 1988 maps.
19.	MA-16	Nobscusset—DOI's 1988 maps.
20.	MA-17	Wellfleet Harbor—Senate maps.
21.	C10	Freemans Pond—DOI's 1988 maps.
22.	C11	Namskaket Spits—No change to existing unit.
23.	C11A	Boat Meadow—DOI's 1988 maps.
24.	MA-18	Pamet Harbor—DOI's 1988 maps.
25.	C12	Chatham Roads—DOI's 1988 maps.
26.	C13	Lewis Bay—DOI's 1988 maps.
27.	C14	Squaw Island—DOI's 1988 maps.
28.	C15	Centerville—DOI's 1988 maps.
29.	C16	Dead Neck—DOI's 1988 maps.
30.	C17	Popponesset Spit—DOI's 1988 maps.
31.	C18	Waquoit Bay—No change to existing unit.
32.	C18A	Falmouth Ponds—DOI's 1988 maps.
33.	C19	Black Beach—No change to existing unit.
34.	MA-24	Naushon Island Complex—DOI's 1988 maps.
35.	C31	Elizabeth Islands—DOI's 1988 maps.
36.	C20	Coatue—DOI's 1988 maps.
37.	C21	Sesachacha Pond—DOI's 1988 maps.
38.	C22	Cisco Beach—DOI's 1988 maps.
39.	C23	Esther Island Complex—DOI's 1988 maps.
40.	C24	Tuckernuck Island—DOI's 1988 maps.
41.	C25	Muskeget Island—No change to existing unit.
42.	MA-26	Harthaven—DOI's 1988 maps.
43.	C26	Eel Pond Beach—DOI's 1988 maps.
44.	C27	Cape Poge—DOI's 1988 maps.
45.	C28	South Beach—DOI's 1988 maps.
46.	C29	Squibnocket Complex—DOI's 1988 maps.
47.	C29A	James Pond—DOI's 1988 maps.
48.	C29B	Mink Meadows—No change to existing unit.
49.	C19A	Buzzards Bay Complex—DOI's 1988 maps.
50.	MA-30	Herring Brook—DOI's 1988 maps.
51.	MA-31	Squeteague Harbor—DOI's 1988 maps.
52.	MA-32	Bassetts Island—DOI's 1988 maps.
53.	MA-33	Phinneys Harbor—DOI's 1988 maps.
54.	MA-34	Long Beach Point—DOI's 1988 maps.
55.	MA-35	Planting Island—DOI's 1988 maps.
56.	C31A	West Sconticut Neck—DOI's 1988 maps.
57.	C31B	Harbor View—No change to existing unit.
58.	MA-36	Round Hill—DOI's 1988 maps.
59.	C32	Mishaum Point—No change to existing unit.
60.	C33	Little Beach—DOI's 1988 maps.
61.	C34	Horseneck Beach—DOI's 1988 maps.
62.	C34A	Cedar Cove—No change to existing unit.
63.	D01	Little Compton Ponds—No change to existing unit.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—Continued

Rhode Island

1.	D01	Little Compton Ponds—DOI's 1988 map.
2.	RI–01	Brown Point—DOI's 1988 map.
3.	D02	Fogland Marsh—Senate map.
4.	RI–02	Sapowet Point—DOI's 1988 map.
5.	RI–02A	McCurry Point—DOI's 1988 map.
6.	RI–06	Almy Pond—DOI's 1988 map.
7.	RI–07	Hazards Beach—DOI's 1988 map.
8.	D02B	Prudence Island Complex—Senate map.
9.	D02C	West Narragansett Bay Complex—DOI's 1988 map.
10.	RI–08	Fox Hill Marsh—DOI's 1988 map.
11.	RI–09	Bonnet Shores Beach—DOI's 1988 map.
12.	RI–10	Narragansett—DOI's 1988 map.
13.	RI–11	Seaweed Beach—DOI's 1988 map.
14.	D03	Card Ponds—No change to existing unit.
15.	D04	Green Hill Beach—DOI's 1988 map.
16.	D05	East Beach—DOI's 1988 map.
17.	D06	Quonochontaug—DOI's 1988 map.
18.	D07	Maschuag Ponds—No change to existing unit.
19.	D08	Napatree—No change to existing unit.
20.	D09	Block Island—DOI's 1988 map.

Connecticut

1.	D08	Napatree—DOI's 1988 map.
2.	E01	Wilcox Beach—DOI's 1988 map.
3.	E01A	Ram Island—No change to existing unit.
4.	CT–01	Mason Island—DOI's 1988 map.
5.	E02	Goshen Cove—No change to existing unit.
6.	E03	Jordan Cove—DOI's 1988 map.
7.	E03A	Niantic Bay—No change to existing unit.
8.	CT03	Old Black Point—Senate Map.
9.	CT04	Hatchett Point—Senate Map.
10.	CT05	Little Pond—Senate Map.
11.	CT07	Griswold Point—Senate Map.
12.	CT06	Mile Creek—DOI's 1988 map.
13.	E03B	Lynde Point—No change to existing unit.
14.	CT–08	Cold Spring Brook—DOI's 1988 map.
15.	E04	Menunketesuck Island—No change to existing unit.
16.	CT–09	Harbor View—DOI's 1988 map.
17.	E05	Hammonasett Point—No change to existing unit.
18.	CT–11	Sea View Beach—DOI's 1988 map.
19.	CT–12	Lindsey Cove—DOI's 1988 map.
20.	CT–13	Kelsey Island—DOI's 1988 map.
21.	E07	Milford Point—No change to existing unit.
22.	E08A	Fayerweather Island—No change to existing unit.
23.	E09	Norwalk Island—No change to existing unit.

New York

1.	NY–03	Sands Point—DOI's 1988 map.
2.	NY–06	Frost Creek—Senate Map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—Continued

3.	F02	Eatons Neck—DOI's 1988 map.
4.	F04	Crane Neck—Senate Map.
5.	F05	Old Field Beach—DOI's 1988 map.
6.	NY-11	Lloyd Harbor—Senate Map.
7.	NY-24	Plum Island—DOI's 1988 map.
8.	F01	Fishers Island Barriers—DOI's 1988 map.
9.	NY-26	Pipes Cove—DOI's 1988 map.
10.	NY-27	Conkling Point—DOI's 1988 map.
11.	NY-28	Southold Bay—DOI's 1988 map.
12.	NY-30	Hog Neck Bay—Senate Map.
13.	NY-31	Broadwater Cove—Senate Map.
14.	NY-32	Downs Creek—DOI's 1988 map.
15.	NY-33	Robins Island—DOI's 1988 map.
16.	NY-36	Flanders Bay—DOI's 1988 map.
17.	NY-37	Red Creek Pond—DOI's 1988 map.
18.	NY-38	Squire Pond—DOI's 1988 map.
19.	NY-39	Cow Neck—DOI's 1988 map.
20.	NY-40	North Seal Harbor—DOI's 1988 map.
21.	NY-41	Clam Island—DOI's 1988 map.
22.	NY-42	Mill Creek—Senate Map.
23.	NY-43	Sag Harbor—Senate Map.
24.	NY-44	Gleason Point—Senate Map.
25.	NY-46	Crab Creek—Senate Map.
26.	NY-47	Hay Beach Point—DOI's 1988 map.
27.	F06	Shelter Island Barriers—DOI's 1988 map.
28.	NY-48	Mashomack Point—DOI's 1988 map.
29.	NY-49	Smith Cove—DOI's 1988 map.
30.	NY-50	Fresh Pond—DOI's 1988 map.
31.	F08A	Sammys Beach—DOI's 1988 map.
32.	NY-52	Hog Creek—DOI's 1988 map.
33.	F08B	Acabonack Harbor—Senate Map.
34.	F09	Gardiners Island Barriers—DOI's 1988 map.
35.	F10	Napeague—Senate Map.
36.	NY-56	Amagansett—DOI's 1988 map.
37.	NY-57	Georgia/Wainscott Ponds—DOI's 1988 map.
38.	NY-58	Sagaponack Pond—DOI's 1988 map.
39.	F11	Mecox—DOI's 1988 map.
40.	F12	Southampton Beach—DOI's 1988 map.
41.	F13	Tiana Beach—DOI's 1988 map.

New Jersey

1.	NJ-02	Seidler Beach—DOI's 1988 map.
2.	NJ-04	Conaskonk Point—DOI's 1988 map.
3.	NJ-04A	Navesink-Shrewsbury Island Complex—Senate Map.
4.	NJ-04B	Metedeconk Neck—Senate Map.
5.	NJ-05	Cedar Bonnet Island—Senate Map.
6.	NJ-06	Brigantine—DOI's 1988 map.
7.	NJ-07	Ocean City Beach—DOI's 1988 map.
8.	NJ-09	Stone Harbor—Senate Map.
9.	NJ-11	Cape May—Senate Map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

10.	NJ-12	Del Haven—DOI's 1988 map.
11.	NJ-13	Kimbles Creek—DOI's 1988 map.
12.	NJ-14	Moores Beach—Senate Map.
		Delaware
1.	DE-01	Little Creek—DOI's 1988 map.
2.	H00	Broadkill Beach Complex—Senate Map.
3.	DE-06	Silver Lake—DOI's 1988 map.
4.	H01	North Bethany Beach—DOI's 1988 map.
		Maryland
1.	MD-02	Fair Island—DOI's 1988 map.
2.	MD-03	Sound Shore—DOI's 1988 map.
3.	MD-06	Jones Cove—DOI's 1988 map.
4.	MD-11	Little Deal Island—DOI's 1988 map.
5.	MD-12	Deal Island—DOI's 1988 map.
6.	MD-14	Franks Island—DOI's 1988 map.
7.	MD-15	Long Point—DOI's 1988 map.
8.	MD-16	Stump Point—DOI's 1988 map.
9.	MD-19	Holland Island—DOI's 1988 map.
10.	MD-20	Jenny Island—DOI's 1988 map.
11.	MD-22	Hooper Neck—DOI's 1988 map.
12.	MD-24	Covey Creek—DOI's 1988 map.
13.	MD-25	Castle Haven Point—DOI's 1988 map.
14.	MD-26	Boone Creek—DOI's 1988 map.
15.	MD-27	Benon Point—DOI's 1988 map.
16.	MD-28	Lowes Point—DOI's 1988 map.
17.	MD-29	Rich Neck—DOI's 1988 map.
18.	MD-30	Kent Point—DOI's 1988 map.
19.	MD-32	Stevensville—DOI's 1988 map.
20.	MD-33	Wesley Church—DOI's 1988 map.
21.	MD-35	Wilson Pond—DOI's 1988 map.
22.	MD-38	Cove Point Marsh—DOI's 1988 map.
23.	MD-39	Drum Point—DOI's 1988 map.
24.	MD-40A	Lewis Creek—DOI's 1988 map.
25.	MD-41	Green Holly Pond—DOI's 1988 map.
26.	MD-44	St. Clarence Creek—DOI's 1988 map.
27.	MD-45	Deep Point—DOI's 1988 map.
28.	MD-46	Point Look-in—DOI's 1988 map.
29.	MD-47	Cornfield Harbor—DOI's 1988 map.
30.	MD-49	Biscoe Creek—DOI's 1988 map.
31.	MD-50	Chicken Cock Creek—DOI's 1988 map.
32.	MD-51	Piney Point Creek—DOI's 1988 map.
33.	MD-52	McKay Cove—DOI's 1988 map.
34.	MD-53	Blake Creek—DOI's 1988 map.
35.	MD-54	Belvedere Creek—DOI's 1988 map.
36.	MD-56	St. Catherine Island—DOI's 1988 map.
		Virginia
1.	K01	Assawoman Island—DOI's 1988 map.
2.	K03	Cedar Island—DOI's 1988 map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

3.	K04	Little Cobb Island—No change to existing unit.
4.	K05	Fishermans Island—DOI's 1988 map.
5.	VA-03	Metomkin Island—Senate Map.
6.	VA-04	Parramore/Hogg/Cobb Islands—Senate Map.
7.	VA-08	Smith Island—Senate Map.
8.	VA-09	Elliotts Creek—DOI's 1988 map.
9.	VA-10	Old Plantation Creek—DOI's 1988 map.
10.	VA-11	Remus Creek—DOI's 1988 map.
11.	VA-12	Church Neck—Senate Map.
12.	VA-13	Westerhouse Creek—DOI's 1988 map.
13.	VA-14	Shooting Point—DOI's 1988 map.
14.	VA-15	Horse Island—DOI's 1988 map.
15.	VA-16	Scarborough Neck—DOI's 1988 map.
16.	VA-17	Craddock Neck—DOI's 1988 map.
17.	VA-18	Bluff Point—DOI's 1988 map.
18.	VA-19	Parkers Island—DOI's 1988 map.
19.	VA-21	Beach Island—DOI's 1988 map.
20.	VA-22	Russell Island—DOI's 1988 map.
21.	VA-23	Simpson Bend—DOI's 1988 map.
22.	VA-24	Drum Bay—DOI's 1988 map.
23.	VA-25	Fox Islands—DOI's 1988 map.
24.	VA-26	Cheeseman Island—DOI's 1988 map.
25.	VA-27	Watts Island—DOI's 1988 map.
26.	VA-28	Tangier Island—DOI's 1988 map.
27.	VA-29	Elbow Point—DOI's 1988 map.
28.	VA-30	White Point—DOI's 1988 map.
29.	VA-31	Cabin Point—DOI's 1988 map.
30.	VA-32	Glebe Point—DOI's 1988 map.
31.	VA-33	Sandy Point—DOI's 1988 map.
32.	VA-34	Judith Sound—DOI's 1989 map.
33.	VA-35	Cod Creek—DOI's 1988 map.
34.	VA-36	Presley Creek—DOI's 1988 map.
35.	VA-37	Cordreys Beach—DOI's 1988 map.
36.	VA-38	Marshalls Beach—DOI's 1988 map.
37.	VA-40	Gaskin Pond—DOI's 1988 map.
38.	VA-41	Owens Pond—DOI's 1988 map.
39.	VA-42	Chesapeake Beach—DOI's 1988 map.
40.	VA-43	Fleet Point—DOI's 1988 map.
41.	VA-44	Bussel Point—DOI's 1988 map.
42.	VA-45	Harveys Creek—DOI's 1988 map.
43.	VA-46	Ingram Cove—DOI's 1988 map.
44.	VA-47	Bluff Point Neck—DOI's 1988 map.
45.	VA-48	Barnes Creek—DOI's 1988 map.
46.	VA-49	North Point—DOI's 1988 map.
47.	VA-50	Windmill Point—DOI's 1988 map.
48.	VA-51	Deep Hold Point—DOI's 1988 map.
49.	VA-52	Sturgeon Creek—DOI's 1988 map.
50.	VA-53	Jackson Creek—DOI's 1988 map.
51.	VA-54	Stove Point—DOI's 1988 map.
52.	VA-55	Rigby Island/Bethel Beach—DOI's 1988 map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

53.	VA-56	New Point Comfort—DOI's 1988 map.
54.	VA-57	Ware Neck—DOI's 1988 map.
55.	VA-57A	Severn River—DOI's 1988 map.

North Carolina

1.	L01	Currituck Banks—Senate map.
2.	L03	Hatteras Island—No change to existing unit.
3.	L03A	Shackleford Banks—No change to existing unit.
4.	L05	Onslow Beach Complex—No change to existing unit.
5.	L06	Topsail—DOI's 1988 map.
6.	L07	Lea Island Complex—DOI's 1988 map.
7.	L08	Wrightsville Beach—DOI's 1988 map.
8.	L09	Masonboro Island—DOI's 1988 map.
9.	M01	Waites Island Complex—DOI's 1988 map.
10.	NC01	Pine Island Bay—Senate map.

South Carolina

1.	M01	Waites Island Complex—DOI's 1988 map.
2.	SC-01	Long Pond—DOI's 1988 map.
3.	SC-03	Brookgreen Gardens—Senate map.
4.	M02	Litchfield Beach—No change to existing unit.
5.	M03	Pawleys Inlet—DOI's 1988 map.
6.	M04	Debidue Beach—DOI's 1988 map.
7.	SC-04	North/South Islands—Senate map.
8.	M05	Dewees Island—DOI's 1988 map.
9.	M06	Morris Island Complex—DOI's 1988 map.
10.	M07	Bird Key Complex—DOI's 1988 map.
11.	M08	Captain Sams Inlet—DOI's 1988 map.
12.	M09	Edisto Complex—DOI's 1988 map.
13.	M10	Otter Island—DOI's 1988 map.
14.	M11	Harbor Island—DOI's 1988 map.
15.	M12	St. Phillips Island—DOI's 1988 map.
16.	M13	Daufuskie Island—Senate map.

Georgia

1.	N01	Little Tybee Island—DOI's 1988 map.
2.	N01A	Wassaw Island—No change in existing unit.
3.	N03	Little St. Simons Island—DOI's 1988 map.
4.	N04	Sea Island—DOI's 1988 map.
5.	N05	Little Cumberland Island—DOI's 1988 map.
6.	N06	Cumberland Island—Senate map.
7.	GA-03	St. Catherine Island—Senate map.

Florida (East Coast)

1.	P02	Talbot Island Complex—No change-existing unit).
2.	P04A	Usinas Beach—Senate map.
3.	P05	Conch Island—Senate map.
4.	P05A	Matanzas River—Senate map.
5.	P07	Ormond-by-the-Sea—DOI's 1988.
6.	P08	Ponce Inlet—Senate map.
7.	P09A	Coconut Point—Senate map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

8.	P10	Vero Beach—Senate map.
9.	P10A	Blue Hole—DOI's 1988 map.
10.	P11	Hutchinson Island—DOI's 1988 map.
11.	P12	Hobe Sound—No change to existing map.
12.	FL–15	Blowing Rocks—Senate map.
13.	P14A	North Beach—No change to existing unit.
14.	FL–34	Soldier and Ragged Kays—DOI's 1988 map.
15.	FL–35	Key Largo—Senate map.
16.	FL–37	Rodriguez Key—DOI's 1988 map.
17.	FL–39	Tavernier Key—DOI's 1988 map.
18.	FL–40	Snake Creek—Senate map.
19.	FL–43	Channel Key—DOI's 1988 map.
20.	FL–44	Toms Harbor Keys—DOI's 1988 map.
21.	FL–45	Crawl Key Complex—DOI's 1988 map.
22.	FL–46	Boot Key—DOI's 1988 map.
23.	FL–49	Ohio and Missouri Keys—DOI's 1988 map.
24.	FL–50	Coupon Bight—Senate map.
25.	FL–51	Big Pine Key—Senate map.
26.	FL–52	Ramrod Key Complex—Senate map.
27.	FL–53	Cudjoe Key—Senate map.
28.	FL–54	Sugarloaf Key—Senate map.
29.	FL–55	Saddlebunch Keys—Senate map.
30.	FL–57	Cow Key—DOI's 1988 map.

Florida (West Coast)

1.	P15	Cape Romano—DOI's 1988 map.
2.	P16	Keewaydin Island—Senate map.
3.	P17	Lovers Key Complex—DOI's 1988 map.
4.	P17A	Bodwitch Point—No change to existing unit.
5.	FL–67	Bunch Beach—DOI's 1988 map.
6.	P18	Sanibel Island Complex—No change-existing unit.
7.	P19	North Captiva Island—DOI's 1988 map.
8.	P20	Cayo Costa—DOI's 1988 map.
9.	P21	Bocilla Island—DOI's 1988 map.
10.	P21A	Manasota Key—Senate map.
11.	P22	Casey Key—DOI's 1988 map.
12.	P23	Longboat Key—DOI's 1988 map.
13.	FL–78	Rattlesnake Key—Senate map.
14.	FL–81	Egmont Key—DOI's 1988 map.
15.	FL–82	Bishop Harbor—DOI's 1988 map.
16.	FL–83	Cockroach Bay—DOI's 1988 map.
17.	P24	The Reefs—DOI's 1988 map.
18.	P24A	Mandalay Point—DOI's 1988 map.
19.	P25	Atsena Otie Key—Senate map.
20.	P26	Pepperfish Keys—No change to existing unit.
21.	P27A	Ochlockonee Complex—DOI's 1988 map.
22.	FL–89	Peninsula Point—Senate map.
23.	P28	Dog Island—DOI's 1988 map.
24.	FL–90	St. George Island—Senate map.
25.	FL–92	Indian Peninsula—DOI's 1988 map.
26.	P30	Cape San Blas—Senate map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

27.	P31	St. Andrew Complex—Senate map.
28.	FL–94	Deer Lake Village—DOI's 1988 map.
29.	FL–96	Draper Lake—DOI's 1988 map.
30.	P31A	Four Mile Village—Senate map.
31.	P32	Moreno Point—DOI's 1988 map.
32.	FL–97	Santa Rosa Island—DOI's 1988 map.
33.	FL–98	Gulf Islands—Senate map.
34.	FL–99	Tom King—DOI's 1988 map.
35.	FL–100	Town Point—DOI's 1988 map.
36.	FL–101	Garcon Point—Senate map.
37.	FL–102	Basin Bayou—Senate map.

Alabama

1.	Q01	Mobile Point—No change to existing unit.
2.	Q01A	Pelican Island—Senate map.
3.	Q02	Dauphin Island—No change to existing unit.
4.	AL–03	Skunk Bayou—DOI's 1988 map.
5.	AL–04	Cyprus Point—Senate map.

Mississippi

1.	R01	Round Island—No change to existing unit.
2.	R01A	Belle Fountaine Point—DOI's 1988 map.
3.	MS–02	Marsh Point—DOI's 1988 map.
4.	R02	Deer Island—No change to existing unit.
5.	R03	Cat Island—No change to existing unit.
6.	MS–04	Heron Bay Point—DOI's 1988 map.

Louisiana

1.	LA–01	Isle au Pitre—DOI's 1988 map.
2.	LA–02	Grand Island—DOI's 1988 map.
3.	S01	Bastian Bay Complex—DOI's 1988 map.
4.	S01A	Bay Joe Wise Complex—DOI's 1988 map.
5.	S02	Grande Terre Islands—DOI's 1988 map.
6.	S03	Caminada—DOI's 1988 map.
7.	S04	Bay Champagne—DOI's 1988 map.
8.	S05	Timbalier Island—DOI's 1988 map.
9.	S06	Isles Dernieres—DOI's 1988 map.
10.	S07	Point au Fer—Senate map.
11.	S08	Cheniere au Tigre—DOI's 1988 map.
12.	LA–07	Freshwater Bayou—DOI's 1988 map.
13.	S09	Rollover—DOI's 1988 map.
14.	S10	Merementau River—DOI's 1988 map.
15.	LA–09	Cameron—DOI's 1988 map.
16.	LA–10	Calcasieu Pass—DOI's 1988 map.
17.	S11	Sabine—DOI's 1988 map.

Texas (North Coast)

1.	T01	Sea Rim—DOI's 1988 map.
2.	T02A	High Island—DOI's 1988 map.
3.	T03A	Bolivar Peninsula—DOI's 1988 map.
4.	TX–04	Swan Lake—DOI's 1988 map.
5.	T04	Follets Island—Senate map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—Continued

6.	T05	Brazos River Complex—DOI's 1988 map.
7.	T06	Sargent Beach—DOI's 1988 map.
8.	T07	Matagorda Penisula—DOI's 1988 map.
9.	TX-09	Coon Island Bay—DOI's 1988 map.
10.	TX-10	Shell Beach—DOI's 1988 map.
11.	T08	San Jose Island Complex—No change to existing unit.

Texas (South Coast)

1.	TX-17	Shamrock Island—DOI's 1988 map.
2.	T10	North Pardre Island—No change to existing unit.
3.	TX-18	Baffin Bay—DOI's 1988 map.
4.	TX-19	Starvation Point—DOI's 1988 map.
5.	TX-20	Cayo Del Infiernillo—DOI's 1988 map.
6.	TX-21	Kleberg Point—DOI's 1988 map.
7.	T11	South Padre Island—No change to existing unit.
8.	T12	Boca Chica—DOI's 1988 map.

Puerto Rico

1.	PR-02	Ensenada Comezon—DOI's 1988 map.
2.	PR-03	Rio Mameyes—DOI's 1988 map.
3.	PR-05	Luquillo Spit—DOI's 1988 map.
4.	PR-06	Juan Martin Spit—Senate map.
5.	PR-07	Laguana Aguas Prietas—DOI's 1988 map.
6.	PR-08A	La Cordillera—DOI's 1988 map.
7.	PR-10	Punta Barrancas—DOI's 1988 map.
8.	PR-39	Puerto Yabucoa—DOI's 1988 map.
9.	PR-40	Punta Tuna—DOI's 1988 map.
10.	PR-41	Rio Maunabo—DOI's 1988 map.
11.	PR-42	Punta Viento—DOI's 1988 map.
12.	PR-42A	Punta Figuraras—Senate map.
13.	PR-43	Las Mareas—DOI's 1988 map.
14.	PR-44	Bahia de Jobos—DOI's 1988 map.
15.	PR-45	Cayos de Barca/Cayos de Ratones Complex—DOI's 1988 map.
16.	PR-46	Arennal—DOI's 1988 map.
17.	PR-50	Chardon—DOI's 1988 map.
18.	PR-51	Rio Descalabrado—DOI's 1988 map.
19.	PR-52	Punta Pastillo—DOI's 1988 map.
20.	PR-53	Bajio de Marea—DOI's 1988 map.
21.	PR-54	Rio Jacaguas—DOI's 1988 map.
22.	PR-55	Isla del Frio—DOI's 1988 map.
23.	PR-56	Punta Cabullones—DOI's 1988 map.
24.	PR-57	Punta Cucharas—DOI's 1988 map.
25.	PR-59	Punta Ballena—Senate map.
26.	PR-61	Ensenada las Pardas—DOI's 1988 map.
27.	PR-66	Cabo Rojo—DOI's 1988 map.
28.	PR-68	Boca Prieta—DOI's 1988 map.
29.	PR-69	Punta Carenero—Senate map.
30.	PR-70	Belvedere—Senate map.
31.	PR-72	Rio Guanajibo—Senate map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

32.	PR-75	Espinar—DOI's 1988 map.
33.	PR-76	Putan Aqujereada—DOI's 1988 map.
34.	PR-77	Bajura—DOI's 1988 map.
35.	PR-78	Guayabos—DOI's 1988 map.
36.	PR-79	Penon Brusi—DOI's 1988 map.
37.	PR-80	Punta Maracayo—DOI's 1988 map.
38.	PR-81	Puerto de Arecibo—DOI's 1988 map.
39.	PR-83	Tortugero—DOI's 1988 map.
40.	PR-84	Punta Garza—DOI's 1988 map.
41.	PR-87	Punta Vacia Talega—Senate map.
		Virgin Islands
1.	VI-01	Rust Up Twist—DOI's 1988 map.
2.	VI-01A	Salt River Bay—DOI's 1988 map.
3.	VI-02	Altona Logoon—DOI's 1988 map.
4.	VI-03	Southgate Pond—DOI's 1988 map.
5.	VI-04	Coakley Bay—DOI's 1988 map.
6.	VI-05	Robin Bay—DOI's 1988 map.
7.	VI-06	Great Pond—DOI's 1988 map.
8.	VI-07	Canegarden Bay—Senate map.
9.	VI-07A	Krause Lagoon—Senate map.
10.	VI-08	Long Point—DOI's 1988 map.
11.	VI-09	Westend Saltpond—DOI's 1988 map.
12.	VI-14	Newfound Bay—Senate map.
13.	VI-14A	Pond Bay—Senate map.
14.	VI-15	Lagoon Point—DOI's 1988 map.
15.	VI-22	Fish Bay—DOI's 1988 map.
16.	VI-25	Sprat Point—DOI's 1988 map.
17.	VI-26	Limestone Bay—DOI's 1988 map.
18.	VI-27	Perservance Bay—DOI's 1988 map.
19.	VI-28	Magens Bay—Senate map.
21.	VI-31	Smith Bay—DOI's 1988 map.
20.	VI-29	Mandal Bay—Senate map.
22.	VI-32	Vessup Bay—DOI's 1988 map.
23.	VI-33	Great Bay—DOI's 1988 map.
24.	VI-34	Jersey Bay—DOI's 1988 map.
		Great Lakes—Michigan
	MI-01	North Maumee Bay—DOI's 1989 map.
	MI-02	Toledo Beach—DOI's 1989 map.
	MI-03	Enrico Fermi—DOI's 1989 map.
	MI-04	Sturgeon Bar—DOI's 1989 map.
	MI-05	Huron City—DOI's 1989 map.
	MI-06	Alaska Bay—DOI's 1989 map.
	MI-07	Pointe Aux Barques—DOI's 1989 map.
	MI-08	Charity Island—DOI's 1989 map.
	MI-09	Tawas Bay—DOI's 1989 map.
	MI-12	Black River—DOI's 1989 map.
	MI-13	Squaw Bay—DOI's 1989 map.
	MI-14	Whitefish Bay—DOI's 1989 map.
	MI-15	Crooked Island—DOI's 1989 map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

MI-16 Presque Isle—Senate map.
MI-17 Swan Lake—DOI's 1989 map.
MI-18 Trails End Bay—Senate map.
MI-20 Lower Herring Lake—DOI's 1989 map.
MI-21 Arcadia Lake—DOI's 1989 map.
MI-22 Sadony Bayou—DOI's 1989 map.
MI-24 Deadmans Point—DOI's 1989 map.
MI-25 Little Bay De Noc—Senate map.
MI-26 Story Point—DOI's 1989 map.
MI-27 Manistique River—Senate map.
MI-28 Goodreaus Harbor—DOI's 1989 map.
MI-29 Sevl Choix—DOI's 1989 map.
MI 31 Fox Point—DOI's 1989 map.
MI-32 McNeil Creek—Senate map.
MI-33 Millecoquins Point—DOI's 1989 map.
MI-34 Fast Mile Creek—DOI's 1989 map.
MI-35 Mattix Creek—DOI's 1989 map.
MI-36 Mackinac—DOI's 1989 map.
MI-37 Davenport Creek—DOI's 1989 map.
MI-38 Hudson—DOI's 1989 map.
MI-39 Epoufette—DOI's 1989 map.
MI-40 Green Island—DOI's 1989 map.
MI-41 Big Saint Martin Island—DOI's 1989 map.
MI-42 Bass Cover Lake—DOI's 1989 map.
MI-43 Prentiss Bay—DOI's 1989 map.
MI-44 Albany Island—DOI's 1989 map.
MI-45 St. Vital Bay—DOI's 1989 map.
MI-46 Espanore Lake—DOI's 1989 map.
MI-47 Bay Mills Point—DOI's 1989 map.
MI-49 Shelldrake—DOI's 1989 map.
MI-50 Whitefish Point—Senate map.
MI-51 Marsh Lake—DOI's 1989 map.
MI-52 Superior—DOI's 1989 map.
MI-53 Vermilion—DOI's 1989 map.
MI-54 Little Lake—DOI's 1989 map.
MI-55 Little Two-Hearted River—DOI's 1989 map.
MI-56 Randolph Lake—DOI's 1989 map.
MI-57 Au Train—Senate map.
MI-59 Laughing Whitefish River—DOI's 1989 map.
MI-62 Snake Head—DOI's 1989 map.
MI-63 Iron River—DOI's 1989 map.
MI-64 Squaw Beach—DOI's 1989 map.
MI-65 Salmon Trout Bay—DOI's 1989 map.
MI-66 Huron Bay—Senate map.
MI-67 Pequaming—DOI's 1989 map.
MI-68 Traverse Bay—DOI's 1989 map.
MI-69 Bete Grise—DOI's 1989 map.
MI-70 Great Sand Bay—DOI's 1989 map.
MI-71 Jacobs Creek—DOI's 1989 map.
MI-72 Eagle River—DOI's 1989 map.

UNITS IN THE COASTAL BARRIER RESOURCES SYSTEM—
Continued

MI-73	Sevenmile Point—DOI's 1989 map.
MI-74	Gratiot River—DOI's 1989 map.
MI-75	Hills Creek—DOI's 1989 map.
MI-76	Misery Bay—DOI's 1989 map.
MI-77	Sleeping Bay—DOI's 1989 map.
MI-78	Flintsteel River—DOI's 1989 map.
	New York
NY-01	Wilson Bay—DOI's 1989 map.
NY-02	Grenadier Island—DOI's 1989 map.
NY-03	Fox Island—DOI's 1989 map.
NY-04	The Isthmus—DOI's 1989 map.
NY-05	Point Peninsula—Senate map.
NY-06	Hounsfield—DOI's 1989 map.
NY-07	Dutch John Bay—DOI's 1989 map.
NY-08	Sherwin Bay—DOI's 1989 map.
NY-09	Association Island—DOI's 1989 map.
NY-11	North Pond—DOI's 1989 map.
NY-12	Deer Creek Marsh—DOI's 1989 map.
NY-13	Grindstone Creek—DOI's 1989 map.
NY-14	Butterfly Swamp—DOI's 1989 map.
NY-15	Walker—DOI's 1989 map.
NY-16	Snake Swamp—Senate map.
NY-17	Juniper Pond—DOI's 1989 map.
NY-18	Blind Sodus Bay—DOI's 1989 map.
NY-19	Port Bay—Senate map.
NY-21	Maxwell Bay—DOI's 1989 map.
NY-22	Bogus Point—DOI's 1989 map.
NY-23	Big Sister Creek—DOI's 1989 map.
	Ohio
OH-01	Toussaint River—DOI's 1989 map.
OH-03	Middle Bass Island—DOI's 1989 map.
OH-04	North Bass Island—DOI's 1989 map.
OH-05	Bay Point—DOI's 1989 map.
OH-06	Mentor—DOI's 1989 map.
OH-07	Fox Marsh—Senate map.
	Wisconsin
WI-01	Two Creeks—DOI's 1989 map.
WI-02	Point Au Sable—DOI's 1989 map.
WI-03	Pestigo Point—DOI's 1989 map.
WI-04	Dyers Slough—DOI's 1989 map.
WI-05	Bark Bay—DOI's 1989 map.
WI-06	Herbster—DOI's 1989 map.
WI-07	Flag River—DOI's 1989 map.
WI-08	Wisconsin Point—DOI's 1989 map.
	Minnesota
MN-01	Minnesota Point—DOI's 1989 map.

APPENDIX B

FEDERALLY OWNED UNITS IN THE CBRS

Maine

ME–03P	Cross Island National Wildlife Refuge.
ME–09P	Petit Manan National Wildlife Refuge.
ME–22P	Rachael Carson National Wildlife Refuge.

Massachusetts

MA–20P	Parker River National Wildlife Refuge.
MA–20P	Cape Cod National Seashore.
MA–17P	Cape Cod National Seashore.
MA–18P	Cape Cod National Seashore.
MA–19P	Cape Cod National Seashore.
MA–29P	Monomoy National Wildlife Refuge.

Rhode Island

RI–04P	Sachuest Point National Wildlife Refuge.
D–03P	Trustom Pond National Wildlife Refuge.
D–05P	Ninigret National Wildlife Refuge.
D–09P	Block Island National Wildlife Refuge.

New York

NY–07P	Oyster Bay National Wildlife Refuge.
NY–11P	Target Rock National Wildlife Refuge.
NY–40P	Conscience Point National Wildlife Refuge.
NY–41P	Morton National Wildlife Refuge.
NY–56P	Amagansett National Wildlife Refuge.
NY–59P	Fire Island National Seashore.
NY–61P	Jamaica Bay National Seashore.

New Jersey

NJ–01P	Gateway National Recreation Area.
NJ–06P	Brigantine National Wildlife Refuge.
NJ–12P	Cape May National Wildlife Refuge.

Delaware

HO–OP	Prime Hook National Wildlife Refuge.

Maryland

MD–01P	Assateaque Island National Seashore.
MD–17P	Martin National Wildlife Refuge.
MD–34P	Eastern Neck Island National Wildlife Refuge.

Virginia

VA–01P	Chincoteaque National Wildlife Refuge & Assateaque National Seashore.
VA–02P	Wallops Island National Wildlife Refuge.

FEDERALLY OWNED UNITS IN THE CBRS—Continued

VA-05P	Fishermans Island National Wildlife Refuge.
VA-59P	Plum Tree Island National Wildlife Refuge.
VA-69P	Back Bay National Wildlife Refuge.
	North Carolina
NC-05P	Cape Hatteras National Seashore/Pea Island National Wildlife Refuge.
L-0.01P	Currituck National Wildlife Refuge.
	South Carolina
SC-05P	Francis Marion National Forest.
SC-06P	Cape Romain National Wildlife Refuge.
	Georgia
No-1AP	Wassaw National Wildlife Refuge.
GA-04P	Blackbeard Island National Wildlife Refuge.
GA-05P	Wolf Island National Wildlife Refuge.
N-05P	Cumberland Island National Seashore.
	Florida
PO-5AP	Ft. Matanzas National Monument.
FL-07P	Merritt Island National Wildlife Refuge & Canaveral National Seashore.
P-10P	Pelican Island National Wildlife Refuge.
P-12P	Hobe Sound National Wildlife Refuge.
FL-34P	Biscayne Bay National Seashore.
FL-35P	Crocodile Lake National Wildlife Refuge.
FL-47P	Great White Heron National Wildlife Refuge & Key Deer National Wildlife Refuge.
FL-60P	Key West National Wildlife Refuge.
FL-61P	Fort Jefferson National Monument.
P-18P	Ding Darling National Wildlife Refuge.
P-20P	Pine Island National Wildlife Refuge.
FL-78P	De Sota National Seashore
FL-80P	Passage Key National Wildlife Refuge.
FL-81P	Egmont Key National Wildlife Refuge.
P-24P	Pinellas National Wildlife Refuge.
P-25P	Cedar Keys National Wildlife Refuge.
FL-91P	St. Vincent National Wildlife Refuge.
P-30P	Pig Island National Wildlife Refuge.
FL-98P	Gulf Island National Seashore.
	Alabama
Q-10P	Bon Secour National Wildlife Refuge.
Q-02P	Bon Secour National Wildlife Refuge.
	Mississippi
MS-01P	Gulf Island National Seashore.
	Louisiana
LA-03P	Breton National Wildlife Refuge.
LA-12P	Shell Keys National Wildlife Refuge.

FEDERALLY OWNED UNITS IN THE CBRS—Continued

	Texas
TO–1P	Texas Point National Wildlife Refuge.
TO–2AP	McFaddin National Wildlife Refuge.
TO–4P	Brazoria National Wildlife Refuge.
T–10P	Padre Island National Seashore.
TX–11P	Matagorda Island National Wildlife Refuge.
	Puerto Rico
PR–12P	Caribbean Island National Wildlife Refuge.
PR–15P	Caribbean Island National Wildlife Refuge.
PR–17P	Caribbean Island National Wildlife Refuge.
	Virgin Islands
VI–03P	Green Cay National Wildlife Refuge.
VI–09P	Caribbean Islands National Wildlife Refuge.
VI–10P	Virgin Island National Park.
VI–11P	Virgin Island National Park.
VI–12P	Virgin Island National Park.
VI–13P	Virgin Island National Park.
VI–16P	Virgin Island National Park.
VI–17P	Virgin Island National Park.
VI–18P	Virgin Island National Park.
VI–19	Virgin Island National Park.
VI–20P	Virgin Island National Park.
VI–21P	Virgin Island National Park.
VI–35P	Buck Island National Wildlife Refuge.
	Great Lakes—Ohio
OH–01A	Cedar Point National Wildlife Refuge.
OH–01B	Ottawa National Wildlife Refuge.
OH–03A	Perrys National Monument.
	Michigan
MI–58	Sand Point/Pictured Rocks National Seashore.
MI–58C	Miners Castle Point/Pictured Rocks National Seashore.
MI–57A	Au Train Bay/Hiawatha National Forest.
MI–58A	Grand Island/Hiawatha National Forest.
MI–58B	Beaver Lake/Pictured Rocks NLS.
MI–47A	Pendills Bay/Hiawatha National Forest.
MI–41A	Houseshore Bay/Hiawatha National Forest.
MI–39A	Pointe aux Chenes/Hiawatha National Forest.
MI–25A	Little Bay de Noc/Hiawatha National Forest.
MI–19B	Platte Lake/Sleeping Bear Dunes NLS.
MI–19A	North Bar Lake/Sleeping Bear Dunes NLS.
MI–19C	Vacation Valley Camp/Sleeping Bear Dunes NLS.
MI–40A	Round Island/Hiawatha National Forest.
MI–12A	Black River/Huron National Forest.
	Indiana
IN–01A	Dune Acres/Indiana Dunes NLS.

FEDERALLY OWNED UNITS IN THE CBRS—Continued

	Wisconsin
WI-04A	Michigan Island/Apostle Islands NLS.
WI-04B	Outer Island/Apostle Islands NLS.
WI-04C	Preseque Isle Point/Apostle Islands NLS.
WI-04D	Quarry Bay/Apostle Islands NLS.
WI-04E	Cat Island/Apostle Islands NLS.
WI-04F	Rocky Island/Apostle Islands NLS.
WI-04G	Raspberry Island/Apostle Islands NLS.
WI-04H	York Island/Apostle Islands NLS.
WI-04J	Sand Island/Apostle Islands NLS.

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